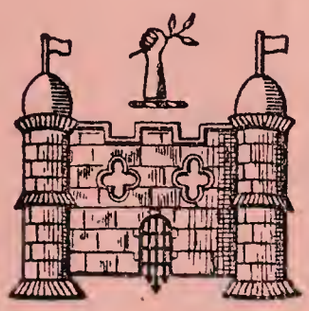
KNARESBOROUGH

RURAL DISTRICT COUNCIL



MEDICAL OFFICER'S Annual Report,

FOR THE

Year ended December 31st, 1921.

Knaresborough:

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1922.

KNARESBOROUGH

RURAL DISTRICT COUNCIL.

Medical Officer's Annual Report

For the Year ended December 31st, 1921.

To the Chairman and Councillors of the Knaresborough Rural District Council.

GENTLEMEN,

I have the pleasure to submit for your consideration my Annual Report as Medical Officer of Health for the Knaresborough Rural District, for the year 1921.

The Ministry of Health only requires a detailed report every five years, and in the intervening years a report of a more simple character. This Report is arranged in the manner suggested by the Ministry.

I am indebted to your Sanitary Inspector for his assistance in preparing statistics of sanitary matters and housing inspection. I also append an interesting Report of his on the Water Supply of the district.

I am, Gentlemen,

Your obedient servant,

W. J. FORBES,

Medical Officer of Health.

June, 1922.

Principal Statistics, 1921.

Area (acres)				37,362
Population (1921)				8,640
Number of Inhabited Houses (1921)				Not available
Number of Families or Separate Occupiers (1921)				Not available
Rateable Value				£88,334
Sum represented by a Penny Rate				£368
		Total.	Male.	Female.
Number of Births	Legitimate	137	75	62
	Illegitimate	11	8	3
				Total, 148
Birth Rate				17·13
Deaths	Males, 36			
	Females, 51			
				Total, 87
Death Rate				10·07
Number of Women dying in, or in consequence of childbirth				from Sepsis, nil from other causes, 2
Infantile Mortality	Legitimate, 60·8			
	Illegitimate, 6·7			
				67·5
Deaths from Measles				Nil
,, Whooping Cough				Nil
,, Diarrhœa (under 2 years of age)				0·23

Population.

The population of the district at the census in 1921 was 8,640. At the census of 1911 it was 8,143. I pointed out last year that I considered the Registrar General's estimate (7,323) of the population was too low, and that my estimate (9,003) was more likely to be more nearly correct.

Births.

The number of births as furnished by the Registrar General was 148—83 males and 65 females. This gives an annual birth rate of 17·13 per thousand of the population. There were 6 births less than in the previous year. The corresponding birth rate for England and Wales was 15·5. Eleven births, 8 males and 3 females, were registered as illegitimate. The number in 1920 was 15.

Deaths.

The number of deaths of residents of the district was 87—36 males and 51 females. This is 3 more than in the previous year, and gives the low death rate of 10·07 per thousand per annum of the population. The corresponding rate for England and Wales was 12·1.

Infantile Mortality.

There were 10 deaths under 1 year of age as compared with 15 in the previous year. Five of these were in children of premature birth or congenital debility. The other causes of death were:—Diarrhœa, 2; Pneumonia, 1; and Convulsions, 1.

Causes of Death at all ages.

The principal causes of death were:—Heart Disease, 16; Cancer, 9; Apoplexy, 5; Pneumonia, 4; Accidents, 5; Phthisis and other Tuberculous Diseases, 3; Influenza, 2; and Diphtheria, 2.

Infectious Diseases.

The number of Infectious Diseases notified in 1921 was 56. In the previous year there were 50.

Diphtheria.

There were 19 cases of Diphtheria notified. Fourteen of these were admitted to hospital, and there were 2 deaths.

Scarlet Fever.

Twenty-eight cases of Scarlet Fever were notified. The number treated in hospital was 9, and there were no deaths.

Enteric Fever.

There were no cases of Enteric Fever notified.

Puerpural Fever.

There were no cases of Puerpural Fever notified.

Pneumonia.

Six cases of Pneumonia were notified, and there were 4 deaths.

Erysipelas.

One case of Erysipelas was notified.

Phthisisis and other Tuberculous Diseases.

Eleven cases of Phthisis and one of other Tuberculous Diseases were notified. The corresponding deaths were 2 and 1.

Ophthalmia Neonatorum.

There were no cases of Ophthalmia Neonatorum notified.

Measles.

There were very few cases of Measles in the district during the year.

Whooping Cough.

Whooping Cough was not prevalent during the year.

Causes of Sickness.

There was no particular cause of sickness or invalidity of special note during the year.

Summary of Nursing Arrangements, Hospitals, and other Institutions available for the District.

Professional Nursing in the Home.

The County Council are the authority under the Notification of Births and Child Welfare Acts for the whole of the District. I am indebted to Dr. Kaye, the County Medical Officer of Health, for the arrangements concerning these.

For Health Visiting and School Nursing purposes the District is divided into 6 nursing areas, one area being worked by a whole-time Nurse, and the remaining 5 by District Nursing Associations. These latter Associations, in addition to performing Health Visiting and School Nursing Work on behalf of the County Council, undertake midwifery and District Nursing Work.

The following are the 6 areas :—

Name of Nursing Association.	Area.
Burton Leonard	Burton Leonard
Farnham and Scotton N.A. ...	Farnham, Ferrensby, and Brearton
Killinghall N.A.	Killinghall, Ripley, and Nidd
Spofforth N.A.	Follifoot and Plompton
Pannal N.A.	Pannal and Beckwithshaw
Whole-time Nurse	Hampsthwaite, Bilton, Haverah Park, Felliscliffe, Starbeck (part of), Goldsborough, Flaxby, Scriven, Knaresborough Outer, Stainley, and Walkingham

Midwifery Service.

The following District Nurses, perform in addition to other duties, Midwifery in the area as stated :—

Nurse Lloyd... ...	Hampsthwaite
Nurse Wherritt ...	Farnham, Scotton, Brearton, and Ferrensby
Nurse Taylor ...	Burton Leonard
Nurse Bird	Pannal and Beckwithshaw
Nurse Gillings ...	Killinghall

No Nurses are employed or subsidised by the Local Authority.

Hospitals Provided or Subsidised by the Local Authority or County Council.

(1) *Tuberculosis.*

The Local Authority does not provide hospitals for tuberculosis, but this class of case is admitted to hospitals provided by the County Council, none of which are situated in this district.

(2) *Maternity.*

There is no Maternity Hospital in the district.

(3) *Children.*

There is no hospital for the treatment of Children in the district.

(4) *Fever.*

The Knaresborough and Harrogate Joint Isolation Hospital, situated in Knaresborough Outer, provides accommodation for 72 patients.

(5) *Small Pox.*

The Small Pox Hospital, situated in Killinghall, is provided by the Harrogate and Knaresborough Joint Isolation Committee. It has 16 beds.

(6) *Other Hospitals.*

There are no other hospitals in the district. The hospitals available for the district are the General and Special Hospitals situated in Harrogate, Leeds, Bradford, and York.

Institutional Provision for Unmarried Mothers and Illegitimate Children.

There are no Institutions within the district for unmarried mothers or illegitimate infants.

Ambulance Facilities.

The Ambulance facilities for (*a*) infectious cases are provided by the Harrogate and Knaresborough Isolation Hospital; (*b*) non-infectious cases, an ambulance (unhorsed) can be borrowed from the Knaresborough Union Hospital.

Laboratory Work.

The West Riding County Council carry out Bacteriological examinations at their laboratory at Wakefield. Outfits are supplied to medical men on application.

Diphtheria Anti-toxin can be obtained by medical practitioners for use in necessitous cases from the Medical Officer of Health. This has only been once applied for since you decided to issue it some years ago.

Sanitary Administration.

A tabular summary of the work of the Sanitary Department is given in Table C appended.

Public Health Staff.

Also see Table C.

Housing.

A tabular summary of "Housing" is given in Table D appended.

CAUSES OF DEATH.

	Males.	Females.
All Causes (Civilians only)	36	51
Diphtheria	1	1
Influenza	—	2
Tuberculosis of respiratory system	1	1
Other Tuberculous Diseases	1	—
Cancer, malignant disease	1	8
Rheumatic Fever	—	1
Cerebral Hæmorrhage, &c.	3	2
Heart Disease	7	9
Arterio-selerosis	—	3
Bronchitis	—	2
Pneumonia (all forms)	3	1
Diarrhœa, &c. (under 2 years)	2	—
Appendicitis and Typhlitis	—	1
Acute and Chronic Nephritis	2	1
Other Accidents and Diseases of Pregnancy and Parturition	—	2
Congenital Debility and Malformation, Premature Birth	4	1
Other Deaths from violence	3	1
Other defined Diseases	8	15
Deaths of Infants under 1 year	7	2
,, ,, Illegitimate ...	1	—

	Males.	Females.
Total Births...	83	65
Legitimate	75	62
Illegitimate	8	3

Population 8,640

Water Supply.

The District contains 22 Parishes, with a total area of 37,362 acres and a population of 8,143 (1911 census).

	Area.	Pop.
Ten Parishes—Bilton, Burton Leonard, Follifoot, Goldsborough, Haverah Park, Killinghall, Knaresborough Outer, Pannal, Scriven, and Starbeck—have public supplies, and the area of these districts contains	21,176 ...	5,699
Three Parishes—Nidd, Plompton, and Ripley—have private supplies	4,983 ...	624
	26,159 ...	6,323
Nine Parishes depend on Wells	11,203 ...	1,820
	37,362 ...	8,143

The thirteen places with public supplies have not suffered any inconvenience during the year. The position of the nine places dependent upon wells has been as below :—

1. South Stainley.—Village spring varies very little.
2. Walkingham Hill-with-Occaney.—Sufficient.
3. Farnham.—Sufficient ; very hard.
4. Brearton.—Mostly sufficient.
5. Flaxby.—Mostly sufficient. One well no apparent change ; very hard.
6. Ferrensby.—Mostly sufficient. Public well kept supply, and might be much improved.
7. This is a parish at the west side of the district, hilly and of a moorland character. Kettlesing is the village, with not more than 20 houses. Some houses are supplied by Leeds Corporation, for disturbance of wells. The district wells have suffered considerably by the dry period.
8. Hampsthwaite.—This village has suffered by the drought, it is entirely dependent upon the wells, most shallow, and liable to pollution ; Leeds water main passes by near, and Harrogate within 2 miles, with houses almost all along the route.

9. Scotton.—The village contains 73 houses and 38 wells, shallow (with the exception of a few), and liable to contamination; many have failed—1 deep well, and 9 others—representing 24 houses. This village and Hampsthwaite are in need of an improved water supply, either by public supplies or improved wells, and both are in need of improved drainage.

PARISHES SUPPLIED BY WELLS.

Parishes.	Area.	Pop.	App. No. Wells.	Notes.
Brearton	1565	169	24	
Farnham	1043	139	12	Part of village supplied in pipes [from private reservoir.
Felliscliffe	2628	319	30	
Ferrensby	424	95	9	One public well; supply main- [tained
Flaxby	718	69	6	
Hampsthwaite	1138	443	39	Two public wells; shortage.
Nidd	1204	205	20	Private supply for Hall and [about half the houses.
Scotton	1129	364	49	
South Stainley	2131	195	24	
Walkingham Hill with Occaney	427	27	3	
	12407	2025	216	

PARISHES SUPPLIED BY MAINS FROM PUBLIC AND PRIVATE WORKS.

Parishes.	Area.	Pop.	
Bilton	1425	186	Harrogate.
Burton Leonard	1797	388	Council's Well and Works; no apparent shortage.
Follifoot	1865	535	Wind engine and Harrogate.
Goldsborough	1787	175	Harrogate, by private agreement.
Haverah Park	2246	86	Harrogate, by private agreement.
Killinghall	3518	1067	Harrogate and Council's works.
Knaresboro' Outer	2636	899	Harrogate.
Pannal	4040	1963	Harrogate.
Plompton	2136	165	Estate supply.
Ripley	1643	254	Estate supply.
Scriven	1232	183	Harrogate.
Starbeck	630	217	Harrogate.
	24955	6118	

Table C.—1921.

Medical Officer of Health.—W. J. FORBES, M.B., B.Ch., B.A.O.

Sanitary Inspector / *Building Inspector* } WILLIAM LUPTON.

NUISANCE INSPECTIONS—

Total No. of Inspections made in 1921, for Nuisances only, 348.

Nuisances reported in 1921, 97.

Nuisances in hand, end of 1920, 25.

Notices served—Informal, 49; Complied with, 47.

,, Statutory, 6; Complied with, 4.

Total needing abatement, 21; Abated during 1921, 101; outstanding end of 1921, 27.

REGULATED BUILDINGS, TRADES, &c.—

Knackers Yards, 1; No. in District, 1; No. on Register, 1; Total No. of Inspections made, many; General condition, satisfactory; Legal Proceedings (if any), None.

Have the Council declared any other processes to be offensive trades? No.

DRAINAGE AND SEWERAGE—

Any developments during 1921? 216 yards, at Killinghall.

Developments still needed as to (*a*) Want of sewers—Burton Leonard, Scotton, South Stainley; (*b*) Improvement of defective sewers—Brearton, Kettlesing, Hampsthwaite.

Any inadequacy of Sewage Disposal Works or complaints relating thereto? No.

CLOSET ACCOMMODATION—

No. of Privies with open middens? 299.

No. of Pail or Tub Closets? 55.

No. of Privies with covered middens? 1,072.

No. of Water Closets? 754.

Waste-water Closets? None.

No. of Privies reconstructed during 1921—(*a*) as w.c.'s, 3; (*b*) other, None.

No. of *additional* Closets provided for old property in 1921—*a* w.c.'s, None; (*b*) other, None.

No. of Closets constructed in 1921 for new houses (*a*) w.c.'s, 9; (*b*) other, 2.

SCAVENGING—

Any change during 1921? No.

Performed by (*a*) Council—For Pannal. (*b*) Contractor—Yes.

How is refuse disposed of? (*a*) Tips—Yes; (*b*) Farmers—Yes. Total annual cost, £225.

Is there any inadequacy, and where? Killinghall, Knaresborough Outer, and Burton Leonard.

Any utilization or salvage of waste material? No.

WATER SUPPLY—

Any developments during 1921? No.

Was supply restricted owing to drought? No.

Any general insufficiency, and where? Scotton and Hampsthwaite.

Any action in regard to unsatisfactory quality, and where? Scotton.

Any new sources added? No.

MILK SUPPLY—

No. of samples taken by Officers of S.A. for analysis under F. & D. Acts? None.

No. of samples taken by Officers of S.A. for bacteriological examination? None.

What arrangement for periodical Veterinary Inspection of dairy cows? None.

Any instance of disease attributed to milk in 1921? No.

No. of Cowkeepers in district? 74; No. registered? 74.

No. of Retail Milk Sellers who are also Cowkeepers 12; No. who are Milk Retailers only? 1; Total No. of Milk Sellers registered? 87.

Total No. of Cowsheds? 89; Total No. of Inspections in 1921? 71.

Date of Dairies, Cowsheds and Milkshops Regulations? 9/6/02. Any Legal Action? No.

Any Inspection or other action by Districts to which Milk is sent? No.

OTHER FOODS—

No. of samples (other than Milk) taken by Officer of S.A. for examination under the Foods and Drugs Acts? None.

No. of seizures of unsound food? 22; Kind and quantity?

Meat—10 carcases, 10 forequarters, 2 organs; No. of Prosecutions? None.

If any Public Abattoir? No.

No. of Slaughterhouses? 14; No. Licensed? 14; No. unsaistfactory, structually or in bad position? 1.

Total No. of Inspections? 67.

No. of Prosecutions (*a*) Food and Drugs? None; (*b*) Unsound Food? None; (*c*) *re* Slaughter Houses? None.

Bakehouses, No.? 1. Total No. of Inspections? Occasional.

SCHOOLS—

No. of Schools visited by M.O.H.? 6.

Action taken? Contacts examined; Schools closed? 6.

FACTORIES AND WORKSHOPS—

No. of Smoke observations taken? None; No. of Cautions? None; Legal Notices? None; Summonses? None.

No. of Workshops? 31; Times each Workshop was inspected? Sundry; Total inspections? 65.

Any Industrial Welfare Workers appointed? No.

ADOPTIVE ACTS—

Acts adopted during 1921—(*Please state parts or sections?*) None.

Any Urban Powers obtained in 1921? None.

BYE-LAWS AND REGULATIONS—

Any Bye-Laws made under Section 26 of Housing and Town Planning Act, 1919, as to houses divided into separate tenements? No.

Any others adopted or revised during 1921?—(*Please attach copies*), No.

Any relaxation of Bye-Laws under Section 24 of Housing and Town Planning Act, 1919? Yes.

INFECTIOUS AND OTHER DISEASES—

What diseases have been specially prevalent in 1921? None specially.

Any diseases specially added to notifiable list? No.

Any influences threatening the health of the District? No.

Any prevalence of Venereal Diseases? No.

HOSPITALS AND OTHER INSTITUTIONS—

(*a*) General: Accident? None; Children? None.

(*b*) Local: Hospital, Cottage? None; Infectious, General? One; Where? Knaresborough Outer; Smallpox? One; Where? Killinghall.

(*c*) Maternity? None.

(*d*) Clinic and Treatment Centre not provided by County Council Scheme ? None.

Whether any other disease (*e.g.* Pneumonia) is treated in Infectious Diseases Hospital ? No.

TUBERCULOSIS.—*Procedure by M.O.H. or his staff after notification:*

(1) Inspection of patient's home and workshop ? Yes.

(2) Examination for contacts ? None.

(3) Is the house disinfected ? Yes ; When ? After removal or death.

(4) Leaflets, Lectures, &c., distributed ? No.

(5) Action *re* spitting ? None.

(6) Is sputum examined apart from Dispensary ? No.

(7) Any special procedure adopted in cases of Pulmonary Tuberculosis with T.B. in sputum ? No.

(8) Are the requirements of Tuberculosis Regulations as to notification observed by general practitioners ? Yes.

BACTERIOLOGY (*County Laboratory*)—

Any suggestions ? No.

INFANT MORTALITY—

Any suggestions ? No.

What organised effort to control it ? None.

Any voluntary Centres for Child or Mother Welfare ? No.

VITAL STATISTICS—

Births during 1921—Males, 83 ; Females, 65 ; Total, 148.

No. of illegitimate included in above, 11.

Deaths during 1921—(1) Gross Deaths, *i.e.*, Total actually registered in the District *without any correction*, 76 ; (2) Nett Deaths on which the rates are calculated—Males, 36 ; Females, 51.

No. of uncertified deaths (included above) ? None.

MORTUARIES—

What accommodation—(*a*) for accidents, None ; (*b*) for infectious cases other than at hospital, None ; (*c*) For other purposes, None.

SANITARY STAFF—

What is the present Annual Salary of the M.O.H. ? £130.

Name of Sanitary Inspector, William Lupton ; Annual Salary as Inspector, £180 ; Other appointments held, Building Surveyor ; Salary for such other appointments, £120.

Any Assistants ? One.

Is Staff sufficient ? Yes.

Does M.O.H. receive copies of Memos. and Circulars distributed by Ministry of Health ? Yes.

Contributions are made to the Salaries of the Medical Officer of Health and Sanitary Inspector under the Public Health Act or Exchequer Grants.

Table D.

SUMMARY OF HOUSING WORK DURING 1921.

Houses with defects not disposed of at end of 1920.—

Houses not reasonably fit for human habitation. (Section 15) 1909, or (Section 28) 1919.—110.

Houses totally unfit for human habitation. (Section 17) 1909.—82.

Houses with minor defects. (Public Health Acts).—90.

Houses inspected under the Act and regulations in 1921.—194.

Houses found satisfactory on inspection.—136.

Action under (Section 15) 1919 or (Section 28) 1919.—

Houses found not reasonably fit for human habitation.—13.

Houses for which notices were given to execute works.—8.

Houses in respect of which notices were satisfactorily complied with.—8.

Action under P.H. Acts in cases of houses with minor defects not remediable under (Section 28) 1919.—

Houses found with defects.—27.

Houses made fit after preliminary notice.—9.

Houses in regard to which statutory notices were served to remedy defects.—12.

Houses made fit after statutory notice.—11.

Actions under (Section 17) 1909.—

Houses found to be totally unfit for habitation.—18.

Houses represented to Local Authority as being totally unfit for human habitation.—18.

Houses made fit for human habitation without the issue of a closing order.—2.

Houses closed voluntarily.—2.

Houses in respect of which closing orders were made.—2.

Houses closed as unfit for human habitation after closing orders were made.—None.

Houses made fit for human habitation after closing order was made, for which the Local Authority determined the order.—None.

Houses demolished voluntarily.—2.

Houses for which demolition orders were made.—None.

Houses demolished compulsorily.—None.

Appeals.—None.

Houses with defects not disposed of at end of 1921.—

Houses not reasonably fit for human habitation. (Section 15) 1906, or (Section 28) 1919.—113.

Houses totally unfit for human habitation. (Section 17) 1909.—78.

Houses with minor defects. (Public Health Acts).—97.

Other Action in regard to Housing.

Total number of Houses in District.—2,059.

Number of Working Class Houses.—1,234.

General standard compared with that of the Ministry of Health in Manual Vol. I., 1919.—Generally much under.

Obstructive Buildings.

Any building represented by M.O.H. under Section 38 (1) of 1890 Act? No.

Any building represented by Inhabited Householders under Sec. 38 (2) of 1890 Act? No.

Unhealthy Areas.

Any representations under Part I. or II. of the 1890 Act? If so, give particulars.—No.

Re-construction Schemes.—

Have L.A. directed any to be prepared under Sec. 39 of 1890 Act? No.

Conversion of Houses.—

Any houses required for division into separate tenements, under the 1919 Act? If so, give particulars.—No.

Unfit Houses.

Any complaints by Inhabitant Householders under Sec. 31 of 1890? No written complaints.

Any complaints by Parish Council under Sec. 6 (2) of the Local Government Act, 1894? No.

Any action of Public Utility Societies? No.

Any action under Small Dwellings Acquisition Act, 1899? No.

Any scarcity of houses, if so, where? Yes, general throughout the district.

Any overcrowding of persons in houses, and where? Where two families occupy the same house.

No. of cases of overcrowding dealt with during 1921.—None.

Any special activity in house building, and where? No. (One cottage, built by private person; 24, Housing Scheme; 7 others).

Have the Council promoted, or assisted any public Utility Society in their district? No.

Number of new Houses built during 1921 by private enterprise. (*a*) Working Class Dwellings—4 temporary wooden; (*b*) other—2 residential.

State-aided Housing Schemes.

Has Scheme been submitted as required by Section 1 of 1919 Act? Yes. Estimated need for 170 houses. Scheme for 170 houses.

Sites—Applications submitted, 5; Acreage, 3·625. Applications approved, 4; Acreage, 2·878.

Lay-outs—Submitted, 5; approved, 4.

House Plans—Submitted, No. of Houses, Scullery, 3; Parlour, 3. Approved, Scullery, 3; Parlour, 3.

Houses occupied—No. of Houses, Scullery, 14; Parlour, 9.

Any Houses built by private enterprise under State Aided Housing Scheme? If so, give No. and type built.—1 Cottage and 5 Residential.

Any regulations made in respect of underground sleeping rooms under (Sec. 17, 7) 1909 Act?—No. Any action thereunder?—No.

Town Planning.

Any scheme prepared during 1921? If so, give details.—No.

Any scheme contemplated? If so, for what area?—No.

Name and Address of Officer designated to make inspections under Article II. of Housing (Inspection of District) Regulations, 1910?—William Lupton, 14, Bower Road, Harrogate.

W. J. FORBES,

June 22nd, 1922. *Medical Officer of Health.*